

SEQUENCE LISTING

<110> EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH

<120> Specific binding molecules for scintigraphy, conjugates containing them and therapeutic method for treatment of angiogenesis

<130> 1900PTUS/CIP2

<140>

<141>

<150> US 09/075,338

<151> 1998-05-11

<150> US 09/300,425

<151> 1999-04-28

<160> 21

<170> PatentIn Ver. 2.0

<210> 1

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
LMB1bis

<400> 1

gcggcccgagc cggccatggc cgag

24

<210> 2

<211> 54

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DP47CDR1for

<400> 2

gagcctggcg gaccagctc atmnmnmnmn ngctaaaggt gaatccagag gctg

54

<210> 3

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DP47CDR1back

<400> 3

atgagctggg tccgccaggc tcc

23

<210> 4

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DP47CDR2for

<400> 4

gtctgcgtag tatgtggtac cmnnactacc mnaatmnnnt gagaccact ccagcccctt 60

<210> 5

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DP47CDR2back

<400> 5

acatactacg cagactccgt gaag

24

<210> 6

<211> 53

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
JforNot

<400> 6

tcattctcga cttgcggcgc ctttgatttc caccttggtc ccttggccga acg

53

<210> 7

<211> 47

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DPKCDR1for

<400> 7

gtttctgctg gtaccaggct aamngctgc tgctaact ctgactg

47

<210> 8

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DPKCDR1back

<400> 8

ttagcctggt accagcagaa acc

23

<210> 9

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DPKCDR2for

<400> 9
gccagtggcc ctgctggatg cmnnatagat gaggagcctg ggagcc

46

<210> 10

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DPKCDR2back

<400> 10
gcatccagca gggccactgg c

21

<210> 11

<211> 45

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
DP47baNco

<400> 11
gcggcccagc atgccatggc cgaggtgcag ctgttgagct ctggg

45

<210> 12

<211> 55

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
CDR3for

<400> 12
ggttccctgg cccagtagt caaamnnmnn mnnmnnnttc gcacagtaat atacg

55

<210> 13

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
VHpullth

<400> 13
gcggcccagc atgccatggc cgag

24

<210> 14

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer:
Jassm

<400> 14
cccgtaccg ccaactggacc catcgccact cgagacggtg accagggttc cctggcccca 60
gtagtc 66

<210> 15
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer:
DPK22assm

<400> 15
gatgggtcca gtggcggtag cgggggcgcg tcgactggcg aaattgtgtt gacgcagtct 60
cc 62

<210> 16
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer:
DPK3for

<400> 16
caccttggtc ccttggccga acgtmnnccg mnnmnnacm nntgctgac agtaatacac 60
tgc 63

<210> 17
<211> 56
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer:
Jfornot

<400> 17
gagtcattct cgacttgccg ccgctttgat ttccaccttg gtcccttggc cgaacg 56

<210> 18
<211> 24 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR primer:
Vlpullth

<400> 18
gatgggtcca gtggcggtag cggg 24

<210> 19
<211> 116
<212> PRT
<213> VH antibody specific for ED-B domain of fibronectin

<400> 19

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Phe
 20 25 30

Ser Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Ser Ile Ser Gly Ser Ser Gly Thr Thr Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Lys Pro Phe Pro Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val
 100 105 110

Thr Val Ser Ser
 115

<210> 20

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: antibody
 linker

<400> 20

Gly Asp Gly Ser Ser Gly Gly Ser Gly Gly Ala Ser Thr Gly
 1 5 10

<210> 21

<211> 108

<212> PRT

<213> VL antibody specific for ED-B domain of fibronectin

<400> 21

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
 20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45

Ile Tyr Tyr Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
 50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Thr Gly Arg Ile Pro
 85 90 95

Pro Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
 100 105